

KERSTEN®

DISCHARGING HEAD

DK 209



THE PRODUCT

Discharging head DK 209 of the KERSTEN neXt® product family eliminates electrostatic charges on a wide variety of materials. Through the clamp mounting, the DK 209 can be affixed onto a tube with a diameter of 12mm. Durable for continuous use thanks to tungsten needles.

BENEFITS

- Compact design
- Touch protection for maximum user safety
- Continuous flow of ions
- Excellent cleaning results

CUSTOMER BENEFITS

- Installation in the smallest of spaces
- No EMC problems
- Easy to install
- Plug-in System

GENERAL

Supply voltage	U	kV DC	<9.0 / > 9.0
Material HV-needles			Tungsten
Connection type			neXt® - plug-in
Max. effective distance at max. output voltage		mm	380

DETAILS

Max. lenght high-voltage cable		m	100
- Grid up to 2.0m / - Grid from 2.0m			0.1 / 0.5
Minimum bending radius of cable			
- Fixed installation / - Constant motion	R	mm	15 / 30
Minimum distance (lateral / in operating direction)		mm	30 / 40

CLIMATIC CONDITIONS

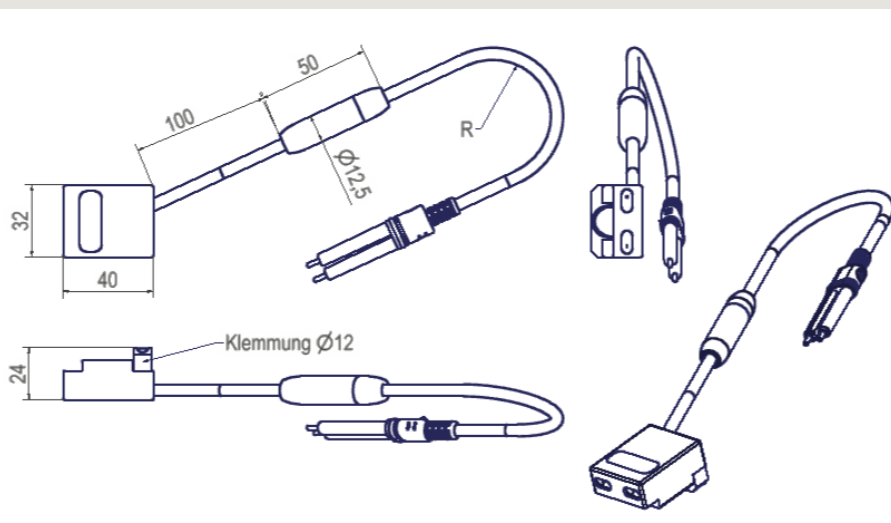
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13 - +185*
Temperature during operation	T	°C / °F	+5 - +80 / +41 - +176**
Relative humidity (non-condensing)	RH		<80

DIMENSIONS

L/W/H mm 40 / 32 / 24

*acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F) **acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F)

TECHNICAL DRAWING



All dimension
measurements in mm

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